FOLIO

University Enhances Upward Mobility of Staff

The following article is a copy of the speech delivered by L.C. Leitch, Vice-President (Finance and Administration) on the occasion of the formal inauguration of the stairway connecting the second floor of the Students' Union Building to the Office of Personnel Services and Staff Relations on the third floor of that building. The inauguration took place last Thursday, 14 February 1980.

This ceremony may not rank with the founding of The University of Alberta in 1906; the opening of the first University building, Athabasca Hall; or even the opening of this building [SUB] in 1967—but it's right up there!

In addition to it's being St. Valentine's Day, 14 February 1980 will go down in history as the day that the Office of Personnel Services and Staff Relations at The University of Alberta—one of the finest of its kind anywhere—was discovered alive and well in the Students' Union Building.

Oh! There had been rumors that it really existed, and even one or two people claim to have seen it. One individual swore that he saw it clearly for a few seconds when the elevator door opened by mistake—but his story was largely discounted when it came out that he was coming down from the Room At The Top. Another enterprising chap lowered himself by rope from the roof, but apparently was frustrated from getting in by the fact that the windows were permanently sealed.

In any event, the legend is now confirmed—there is an Office of Personnel Services and Staff Relations—and from now on it can be reached by climbing the stairs to the third floor.

It is interesting to note, however, that the Director, obviously anticipating the event and not wanting to mingle with the masses, some time ago moved himself and some of his henchmen to the *fifth* floor, which is not accessible by stairs to the public. I understand that he can still be seen though—with a mop and in rubber boots when the monsoons hit.

I take great pleasure in declaring this stairwell officially open. □



General Faculties Council

The regular monthly meeting of GFC was held on 11 February 1980. In addition to the sad announcement of Dr. Van Petten's passing, the following topics were considered by Council.

Engineering Work-Study Program

Under "Business Arising", Council approved a proposal by the Faculty of Engineering concerning a cooperative education program. The objective of the program is to provide an opportunity for senior engineering students to obtain industrial experience that will complement their academic studies. The program will only be available to students who have successfully completed all second-year level course requirements. It will be provided concurrently with the existing traditional academic program, with students having the option of moving into the program or staying in the traditional academic program at the end of the fourth term.

According to the Faculty, academic credit could be granted in lieu of course work for senior design and experimental projects successfully completed during a work experience. Students will work in industry for a total of twenty months (two eight-month periods and one four-month period).

The Faculty believes that, by paralleling the cooperative program with the current academic program, a better use of University facilities will be made. For example, more core courses will be offered in each of the academic terms and the load of the students can be diffused. Also, large laboratory sections could be reduced. More students could be admitted to the Faculty thus lowering the unit cost of operation. Given the increased liaison with

industry, it is conceivable that more research and development projects will be pursued and that the University, industry, and the community at large will be aligned more closely with the beneficial result that each will better understand the goals and objectives of the other.

If funding can be approved quickly, the Faculty anticipates that the program will begin in September 1980.

Student Quotas

Council endorsed a report submitted by a three-member subcommittee of the University Planning Committee (UPC) on the rationale, criteria for numbers and procedure for the establishment of student quotas. Included in the fifteen-page report were the following recommendations regarding present quota faculties:

1. That these faculties submit, annually to the Academic Development Committee (ADC), proposals concerning quota size. The submission would include a justification for the proposed level of student intake and a statement of the relative importance of each of the following: the goal of a "well-balanced" university, the University's limited resources, the goal of high quality education, and market demand.

Other inclusions would be reasons for the increase or decrease, if any, in the level of student intake relative to the most recently approved quota size and a brief statement of the basic requirements for a ten percent increase in quota size.

2. That ADC, following consultation, if necessary, with the faculty concerned, forward its recommendation to UPC. The latter would then forward its report, along with that of ADC, to the Board of Governors.

3. That faculties undertake a quinquennial review of quotas, under the direction of ADC. Said review is designed to determine the continued need for a quota, provide a detailed justification for quota size in terms of existing human, physical and financial resources, look at those changes in educational technology which could modify quota size, and state the essential requirements for a ten percent and twenty-five percent increase, respectively, in quota size. ADC will strike guidelines for these reviews.

4. That Faculty applications for special government funding to expand and/or improve the quality of existing quota programs be processed through ADC, UPC and the Board of Governors, in that order.

The sub-committee said that, while the final authority for the imposition of academic quotas rests with the Board, GFC, having responsibility for the academic affairs of the University, should have a say in applications involving limitations on enrolment. In this light, it was recommended that:

1. The Faculty concerned will submit its application for a quota to ADC, such application to include a statement of reasons for the request, a detailed statement of the relative importance of relevant aspects of available human, physical and financial resources in arriving at a quota size, a statement on market demand and sources of supply of graduates in that field in Alberta and Canada, a statement of admission standards to be applied in the first and subsequent years of the program, and the likely effects of the proposed quota on other academic units at the University.

2. Following discussion with the Faculty concerned, ADC will present its recommendation to UPC which will then forward its report, along with that of ADC, to GFC.

3. GFC will forward its recommendation to the Board for a final decision.

At the present time there are quotas in fourteen Faculties and programs at the University.

Writing Competence

The assessment of Writing Competence—Report on Phase I may soon become known as The Great Debate.

A full round of deliberations by the Executive Committee of GFC, while illuminating the issue, could only produce an agreement that the report would be placed before Council without Executive comment. Council, after looking at writing competence from all possible angles and getting the benefit of numerous comments from its membership, approved but one recommendation, to wit, that there be universal testing of all entering students. The other recommendations, including one that a single remedial writing program be available to all students and another that an independent writing centre be established, were returned, along with the supporting materials, to the WCC.

That body oversaw a voluntary English exam and concluded that "about half of the sample of incoming students at the University of Alberta demonstrate considerable difficulty with written English."

The pilot project, conducted last fall, consisted of a test of standard written English and an essay test.

"We have a problem that needs curing," Vice-President (Academic) Baldwin told Council. Looking at the attendant factors of time, money, teaching expertise, the true purpose of the University, etc., that would seem to be a formidable task. □

FOLIO

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All inquiries and correspondence should be directed to:

Folio
Office of Community Relations
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
Telephone: (403) 432-2325
The Office of Community Relations produces Folio *on a weekly basis for the staff and other interested persons*

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Program GOLD

A General Orientation to Leaning Disabilities (GOLD) is an evening and weekend lecture series designed to introduce and help clarify many topics related to learning disabilities. The content of the program will be appropriate for parents of children with learning disabilities, regular classroom teachers, and for anyone who wishes to know more about such problems.

The program will review definitions and various types of learning disabilities, medical and perceptual factors, specific reading problems and various remedial methods, the effects on the family, direct instructional methods, and many other aspects. The lectures, films, and discussions will be orientated toward a practical understanding and practical techniques for use when working with a learning disabled child. The course is not intended to be used for a University c edit, but a certificate may be obtained on successful completion of the program. The cost of all materials and handouts is included in the registration fee.

Program GOLD will take place from 7 p.m. to 9 p.m. on 4, 6, 11, 13, 18, 20, 25, and 27 March; from 9 a.m. to 12 noon on 15 March; and from 9 a.m. to 4 p.m. on 22 March. The fee is $10 and more information can be obtained from the Centre for the Study of Mental Retardation, telephone 432-4439 or 432-4505.

Program GOLD is sponsored by the Centre for the Study of Mental Retardation with the support of the University's Alma Mater Fund. □

G. R. Van Petten, 1936-1980

An air of sadness surrounded the GFC meeting of 11 February. Prior to moving to the business reported in this *Folio*, the Chairman reported with regret the death of Dean Garry Van Petten on Monday, 11 February 1980. G.E. Myers, of the Faculty of Pharmacy and Pharmaceutical Sciences, read the following tribute to Dean Van Petten:

"Dean Garry Van Petten, aged 43, passed away suddenly at 5 a.m. this morning (11 February 1980). Dean Van Petten was born in Camrose, Alberta and graduated from the Faculty of Pharmacy at The University of Alberta in 1957.

He received the MSc in Pharmacology from The University of Alberta in 1959 and the PhD from the University of Glasgow



in 1962.

Prior to his appointment as Dean of the Faculty of Pharmacy at The University of Alberta, Garry held academic positions at the Ontario Veterinary College, Guelph, Queen's University, Kingston, and in the Faculty of Medicine, University of Calgary.

Garry Van Petten was internationally recognized as an outstanding research scientist in the area of "Fetal pharmacology and toxicology" and has published widely. He received a Squibb Fellowship in 1959 and the Harry Gold Award for excellence in publication in Clinical Pharmacology in 1972. A member of numerous scientific associations, he was elected President of the Pharmacological Society of Canada in 1979 for a two year term.

Although his tenure as Dean of the Faculty of Pharmacy and Pharmaceutical Sciences of the University of Alberta was extremely short, the fruits of his labor are already becoming evident.

A tireless worker, a capable and considerate administrator, an enthusiastic teacher and researcher, he will be sorely missed by all who knew him as an associate and friend.

Dr. Van Petten is survived by his wife, Betty, and three boys, (Stewart (17), Deane (12) and Wayne (9). Faculty, associates and friends extend our deepest sympathy to Betty, Stewart, Deane and Wayne in this time of sorrow."

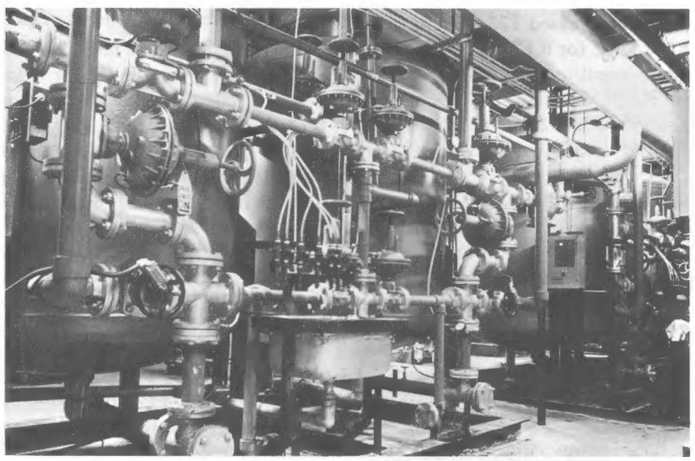
The Chairman extended the condolences of Council to Dean Van Petten's wife and children. Members joined the Chairman in a minute of silence in memory of Dean Van Petten. □

Water Unfit For Machines

Although repeatedly assured that the domestic water supply of our city is entirely safe for human consumption, one sometimes wonders. Judging from the amount of, and the unsightliness of residue distillers extract from our water supply, it is not surprising that more than a few chemists have sworn off the city's water for the purpose of laboratory work.

Because of a number of complaints over the past few years, Physical Plant has been closely monitoring the quality of the domestic water the campus receives from the city. In particular, the considerable problems the city experienced last spring, caused a revitalized concern for the amount and type of impurities domestic water contains.

These two factors fluctuate a considerable amount from season to season, and often from week to week. During the month of February each year, a large amount of mineral precipitates are common. In the spring season the



One of two giant demineralizers located in the South Power Plant. Ions and cations are filtered separately, negative particles by one unit and positive particles by the other.

mineral content remains high, but there is a shift from precipitates to suspended particles. As for the odor and discoloration of the city's water last spring, it has been suggested by off-campus authorities, that a cross-over between sewer lines due to ageing pipe is the problem. Where the ruptured pipes might be, is unknown.

Just about every laboratory or department that uses water for scientific purposes is affected by the water supply problem. For a variety of reasons, domestic water as received from the city cannot be used for laboratory work. The minerals carried in the water can react or influence chemistry, cause equipment to shift out of calibration, or cause a build-up of scale.

Edmonton draws its water from the North Saskatchewan River and uses soda-lime softening, filtration, and pre- and post-chlorination for treatment. Normally, the river water tends to have calcium carbonate scale-forming agents, having the desirable effect of preventing corrosion in metal piping.

The average mineral content of domestic water after treatment by the city contains:
7 milligrams per litre sodium;
1 milligram per litre potassium;
35-50 milligrams per litre calcium;
6-15 milligrams per litre magnesium;
30-55 milligrams per litre sulfates;
less than 1 milligram per litre chlorides; and
120 milligrams per litre bicarbonates
traces of organic carbon (less

than 1 milligram per litre)
The total hardness of the water varies with the time of year from 35 milligrams per litre to 160 milligrams per litre.

Physical Plant is involved with two types of water treatment to remove these minerals from the domestic water supply. Demineralization or deionization removes ions and cations (negative and positive charged particles) from the water, leaving it relatively pure. The electrical conductivity of the water at this stage is two micro-mhos. Occasionally, traces of minerals remain in the water due to leakage or the clinging tendency of the charged particles.

Physical Plant operates a 400 gallon per minute demineralizer in the South Power Plant. The water processed here is largely used for heating boilers and to supply the Medical Sciences Building and Hospital.

Distilled water is considered to be totally pure. However, traces of minerals are picked up by the water when it is piped through any type of piping, whether it be glass, stainless steel, aluminium or plastic. Most departments requiring distilled water have their own distillation equipment. Individual units can vary from as low as two gallons per hour to 200 gallons per hour. The price of the units can be quite high. An average size unit of sixty gallons per hour can cost as much as $29,000.

Although sensitive scientific equipment can be adversely affected by domestic water supplies, no one can be certain what, if any, effects the same water might have on human health. Rumors occasionally suggest that the compounds carried by domestic water do affect health adversely. However, as in the case of cancer, researchers have been unable to establish a fool proof link between cause and disease. □

Ten Years of Change

The pages of *Folio* bear witness to the considerable change that has been a part of our society during the past decade. Perhaps the single most influential factor on our life style has been money. In the 5 February 1970 issue of *Folio,* advertisements listed salaries at $281-$342 for a Clerk Typist II, $359-$437 for a Library Assistant I, and $645-$784 for a Programmer III. A three bedroom bungalow in Windsor Park was listed at the nearest offer to $38,000. Current issues of *Folio* indicate that salaries increased 172 percent to $764-$912 for a Clerk Typist II, 146 percent to $883.20-$1,065.78 for a Library Assistant I, and 152 percent to $1,623.42-$2,021.59 for a Programmer/Analyst III. A three bedroom bungalow in Windsor Park jumped by 265 percent to $138,900. If this is any indication of the economy in general, you could say that wages are not keeping pace with prices! □

Faculté Saint-Jean

Mme Morcos, nouveau Doyen de Saint-Jean, sera présente lors d'une soirée sociale qui aura lieu en son honneur mercredi, le 27 février. Un café petits gâteau seront offerts au salon des étudiants a 7:30 p.m. Tous y sont invités.



Mme Morcos, Doyen

US Citizens Urged to Vote

United States citizens resident in this province are urged by their Consul to exercise their electoral responsibilities in 1980.

According to information supplied by the Consul, Luciano Mangiafico, the *Overseas Citizens Voting Rights Act* guarantees US citizens, whether or not they are affiliated with the United States government, the right to vote in federal elections, the "primaries," and general and special elections for a President, Vice-President, their Senators, and their Representatives to Congress. In addition, many states have enacted their own legislation allowing citizens abroad to vote by absentee ballot in other, local elections.

In order to vote in either federal or state elections in most states, a citizen abroad must register in the state of his "voting residence," i.e. that state in which the citizen would consider himself to reside (if a member of the armed forces or merchant marine) or the state in which he was resident immediately prior to leaving the country (in the case of government representatives and private citizens).

To exercise one's vote, it is advisable to start the process as early as possible. The process is not too complicated, but it does entail a citizen's contact with his embassy or consulate general —in Alberta, the consulate general in Calgary—in order to obtain a "Federal Post Card Application" (FPCA). Proof of citizenship will be required.

For the faint-hearted citizen who is concerned about liability to taxation, there is some assurance in the new *Overseas Citizens Voting Rights Act.* Registration to vote and voting itself for federal officials will not affect the determination of domicile for taxation purposes at the federal, state, or local levels.

For more information about the provisions of the new Act, a US citizen may refer to the US *Voting Assistance Guide—1980* in the Office of Community Relations (423 Athabasca Hall) or may apply by writing or telephoning the US Consulate General
615 Macleod Trail SE
Calgary, Alberta
T2G 4T8. □

Reviews of Academic Programs

Omission from the 14 February Folio Supplement.
Under the subtitle History, the two paragraphs below were omitted from the end of that section. Please cut out and append to your copy of the supplement.

Originally, though ADC, UPC, Deans' Council and GFC Executive all endorsed the need for systematic and on-going program reviews, GFC itself resolved to postpone final decision until terms of reference for such reviews were forthcoming. The Board, however, could not agree to any delay in GFC's readying a detailed proposal. Early action was therefore called for on the part of the Academic Development Committee, which GFC had designated as the appropriate body—in collaboration with Deans' Council and in consultation with others in the University community—to draft terms of reference, which would then be filed with GFC.

In the event, there was indeed delay, occasioned in part by the summer vacancy in the Office of Vice-President (Academic). During the course of November and December, however, a Committee with representation from ADC and Deans' Council has, as instructed, worked out terms of reference for a "system of reviews or evaluations of academic programs" and has consulted others in the University community.

Letters

■ We have enjoyed receiving *Folio* on a regular basis for some time now. However, one aspect has been extremely frustrating: slow delivery. Today [30 January] I received the issue dated "24 January 1980." Why does it take so long to reach me? In surveying the "Coming Events" section, one of the highlights of *Folio,* I found the following:
1. 51 of the events listed have already taken place;
2. 11 or more are scheduled for today [30 January];
3. 8 have no date specified, e.g. "continuing"; and
4. only six events are yet to take place—

and these numbers are not unusual.

I'm sure you can understand my frustration, especially since I'm eager to take part in many events on campus. . . .

Jim Hudson,
3539 114 Street

■ In the morning of this Friday, 8 February, we received the copies of the 7 February 1980 issue of *Folio.* This issue is announcing 7 (seven) lectures and seminars which all took place yesterday, Thursday, 7 February 1980. There is no point in announcing past lectures and seminars. The attendance at the lecture organized by the Faculty of Arts was a disaster. In order to avoid this futile announcing of past events, you should distribute *Folio* earlier, at least one full day in advance of the events. . . .

Dr. Gerwin Marahrens, Chairman,
Deparment of Germanic Languages

Editor's response

To these two correspondents, and to all those people who read *Folio,* it is necessary to give some explanation and to offer some defence for our practice.

Firstly, it appears that not everyone is aware that our nominal publication day is Thursday or that we have set deadlines for the submission of copy to the Office of Community Relations. (Such deadlines, of course, appear in each issue of the University bulletin.) When contributors send us late copy, and insist that it be included in the very next issue of *Folio* (for whatever reason), we attempt to accommodate them. Occasionally, this late submission of material is one cause of a delay in distribution. Secondly, those people who assemble *Folio* are very few indeed and they have a wide number of tasks assigned to them. Nevertheless, they do everything in their power to attempt a prompt delivery of the bulletin. In this respect, they are supported by the unflagging efforts of employees in the Department of Printing Services, for which they are very grateful—the University community should be equally grateful.

Now, I must state that members of the Office of Community Relations are as frustrated as *Folio's* readers in the matter of late delivery. It gives us no joy. Most departments of the University, however, are subject to restraints related to finance and to the hiring of personnel and these are of the utmost severity. Simply put, it is not possible, under current circumstances, to find an easy solution to what appears to me to be an intricate problems. Thus, the solution proposed by Dr. Marahrens ("you should distribute *Folio* earlier, at least one full day in advance of the events") is not realistic, for the simple reason that it is utterly impossible to remove one full (or even half) day from *Folio's* weekly production schedule.

How then, do we attempt to circumvent the problem of late delivery and all its attendant misery? Essentially, whenever material is submitted early enough, it has been our practice to advertise each coming event in two successive issues. The Faculty of Arts lecture cited by Dr. Marahrens, at which attendance appears to have been a "disaster," took place on 7 February, that is on Thursday the nominal day of publication. But the lecture was not merely advertised in that specific issue of *Folio;* it was advertised first in the 31 January edition. To imply that the lecture's disastrous reception is the fault of late delivery of *Folio* is, therefore, quite unjust. Evidently, potential auditors were not attracted to the lecture and for entirely different reasons.

Mr. Hudson has been kind enough to enumerate events that had taken place by the time he received the 24 January 1980 *Folio,* through the normal channels of the Canadian postal service. To be fair, he also suggested in his letter that we might send *Folio* to him at an appropriate address on campus through the University's internal mail system. This has now been arranged, and I hope that his frustration will decrease accordingly.

Another point: Dr. Marahrens suggests that it is futile to announce past events and I agree with him. In fact, we do not make it a practice to publicize past events. The only reason we flagellate ourselves with these sorts of complaint is that there are people—perhaps as few as they are fortunate—who do receive their copies of *Folio* on Thursday. It would be a pity if we were to disappoint these lucky people merely to give our magazine the appearance of good management rather than the reality.

Finally, I thank *Folio's* readers for their forebearance. We receive a number of complaints each month and very few compliments. We are all grateful for these complaints, for they mean that our efforts are not wasted and that there are people who read one of the best, and most cheaply produced University magazines in Canada.

Chris J. Simpson, Editor,
Office of Community Relations



A Canadian Pacific Railway colonist car. One of a number of outstanding photographs in an exhibition, "Last Best West," presented by Alberta Culture at the Provincial Museum of Alberta from 9 February to 31 March. The exhibition is circulated by the National Museum of Man.

March

1980

February

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May

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sunday	monday	tuesday	wednesday	thursday	friday	saturday
2	**3** ■ Last day for changing registration status in most Faculties ■ 2 p.m. GFC Executive	**4**	**5**	**6** ■ 9 a.m. ADC	**7** ■ 9 a.m. Board of Governors ■ 2 p.m. Council of Graduate Studies and Research	**1**
9	**10** ■ 1 p.m. CDC	**11** ■ NASA ■ GSA ■ Students' Council	**12**	**13** ■ 9 a.m. ADC ■ 2 p.m. UPC	**14**	**8**
16	**17**	**18**	**19**	**20** ■ 9 a.m. ADC	**21**	**15**
23	**24** ■ 1 p.m. CDC	**25**	**26** ■ 2 p.m. GFC	**27** ■ 9 a.m. ADC ■ 2 p.m. UPC	**28** ■ 9 a.m. Senate	**22**
30	**31**					**29**

IMASCO-CDC Research Foundation

The Imasco-CDC Research Foundation, supported by joint contributions from Imasco and Canada Development Corporation, exists to promote research into the discovery and development of products, processes and devices for the prevention, treatment and cure of diseases in humans and animals. In contrast to much of the research activity in educational and scientific institutions, *the Foundation will emphasize the discovery of new products for commercial production, sales and distribution.*

Administration of the Foundation is supervised by a four-man Board of Trustees which is advised by a Scientific Advisory Committee. The Trustees award research and development grants on the basis of recommendations by the Scientific Advisory Committee.

Qualifying Standards

1. Projects to be supported must include an outline of the scientific basis of the proposal including reference to relevant publications and known information.

2. An important criterion for supporting scientific projects will be the industrial development and commercial application of the proposed research to products, processes or devices.

3. Expenses eligible for grant consideration include salaries for staff and technicians, equipment, supplies, materials and overhead.

4. Support will be provided for up to five years, subject to expectation of significant findings as judged by the Scientific Advisory Committee. Annual progress reports are required and will be reviewed by the Scientific Advisory Committee. All grant applications must indicate the expected duration of the project.

5. All other sources of funding support—committed and expected—for the project must be indicated on the grant application. Please indicate whether this additional funding is committed or tentative.

6. Submissions must include a budget proposal and identify the funds required for:

a. Personnel: State the type of personnel required, including education and experience requirements. Individual salary costs and the amount of time to be devoted by part-time workers (if any) should also be noted. Curriculum vitae of applicants and staff should be attached.
b. Equipment: Any scientific equipment necessary for carrying out the project may be included. Office equipment is not normally acceptable in the budget.
c. Materials and Supplies: All materials and supplies necessary for the project may also be included.
d. Travel: Reasonable expenses, where necessary, may be included.
e. Animals: Where used as subjects in the laboratory, animals may be included under costs.

7. Where the research and development will be carried out in association with an educational institution, it is anticipated that the institution will provide laboratory and office facilities as well as office equipment and normal secretarial services.

8. Title to any equipment purchased for the project with Fund monies remains with the Foundation. Upon completion of the project, the Foundation will assign ownership of the equipment as the Trustees see fit.

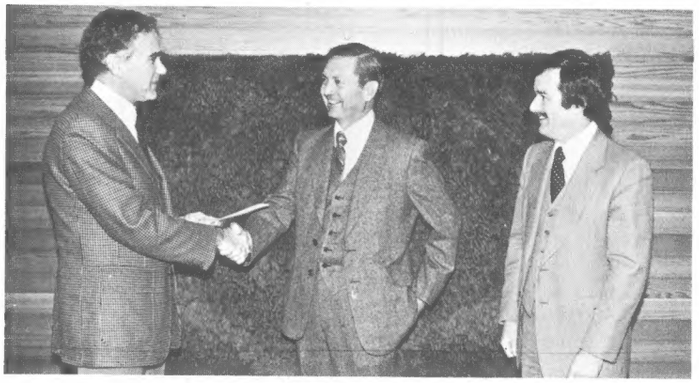
9. The Foundation reserves the right to issue the grants in instalments subject to the receipt of satisfactory accounting statements. When work is completed or cannot be continued, unused funds must be returned along with a final accounting. A final report clearly summarizing the findings of the project must be submitted at the conclusion of the project.

10. An objective of the Foundation is to exploit discoveries and patents to the greatest benefit of Canada and Canadians. To this end such rights may be assigned to the Foundation but prior to funding grant awards, satisfactory agreement will be negotiated between the Foundation and respective parties.

11. Deadline for applications will be 1 April 1980 and 10 October 1980 for projects commencing 1 July 1980 and 1 January 1981.

12. Information and grant application forms may be obtained from:

The Research Grants and Contracts Office (432-2002)
or the Secretary
Imasco-CDC Research Foundation
c/o Canada Development Corporation
Suite 200
44 Yonge Street
Toronto, Ontario M5B 2H4 □



The Department of Civil Engineering, specifically Geo-technical Engineering, has received its first special bursary. EBA Consultants of Edmonton has established an annual $3,000 bursary to be given to a student for research and graduate studies. The money will be awarded for the next academic year, 1980-81. Above we see Dr. Elmer Brooker, president of EBA Consultants, presenting the first $3,000 cheque to Dr. N.R. Morgenstern of Geo-technical Engineering. Dean Adams looks on. □

people

Eugene W. Ratsoy, Professor of Educational Administration and currently president-elect of the international University Council for Educational Administration, was an invited speaker at the First Inter-American Congress on Educational Admistration held in Brazilia, Brazil, from 9 to 14 December 1979. The title of his paper was "Organizational Environments, Interorganizational Linkages and Policy Making in Educational Organizations."

Marion D. Jenkinson, Professor, Department of Elementary Education, has been elected to the Reading Hall of Fame. Election to membership is generally considered to be recognition of a distinguished career in the field of reading.

Karol Krotki, Professor of Sociology, took part in a program on world population for the Global Television Network in Toronto. Warner Troyer, author of *200 Days: Joe Clark in Power* acted as animator. Five extracts from the book were run by the *Edmonton Journal* between

28 January and 1 February.

R.B. Wilberg, Department of Physical Education, delivered a paper entitled "A Concatenated Model of Human Motor Memory" to the Department of Psychology, University of Lethbridge on 8 February 1980.

John King-Farlow, Professor of Philosophy, spoke on Self-Mastery at the Philosophy Departments of York and Ottawa Universities.

R. Davis, Student Counselling, recently gave a paper at an annual meeting of the Canadian Sexual Research Forum. Dr. Davis' paper concerned the treatment of female sexual dysfunction with an REM related lubrication conditioning procedure. Dr. Davis advises that people interested in the treatment of sexual dysfunction, or in membership in the Canadian Sexual Research Forum, should telephone 439-1502.

publications

Notices of all publications by staff and students of the University of Alberta should be sent to the Office of Community Relations, Publications Column, 423 Athabasca Hall.

Karol Krotki (Sociology): La population du Soudan au XIXe siècle et au début du XXe siècle. *Annales de Démographie Historique* (1979): pp. 165-194.

———— with Susan A. McDaniel, of Waterloo University: Estimates of the rate of illegal abortion and the effect of eliminating therapeutic abortion, Alberta, 1973-74. *Canadian Journal of Public Health* 70, No. 6 (1979): pp. 393-398.

Barbour, D. (English): *Shore Lines.* (A book of poems) Winnipeg: Turnstone Press, 1979.

Kumar, S. (Physical Therapy) and Scaife, W.G.S. (Mechanical Engineering, Trinity College, Dublin): A Precision Task, Posture and Strain. *J. Saf. Res.* 2 (1): pp. 28-36.

————(Physical Therapy), Davis, P.R. (Human Biology, University of Surrey, UK) and Pickles, B. (Queen's University). Bone-marrow pressure and Bone strength. *Acta Orthop. Scand.* 50, (5); pp. 507-512.

————(Physical Therapy): Variation in stress and response due to lifting in different planes. In Science in Weight Lifting, Ed. J. Terauds (1979): pp. 31-41.

coming events

Listings must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Listings should be sent to 423 Athabasca Hall.

Music

Department of Music

All performances in Convocation Hall.

21 February. 8 p.m. R. Fossey in recital.

22 February. 8 p.m. Two-piano recital by students.

23 February. 8 p.m. The University of Alberta Percussion Ensemble.

24 February. 8 p.m. Helmut Brauss on piano.

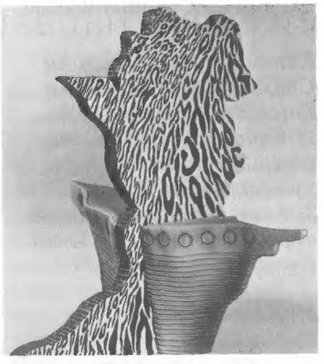
25 February. 8 p.m. Chamber music ensemble.

27 February. 8 p.m. Edmonton Youth Orchestra II.

Edmonton Symphony

21 February. 8 p.m. The symphony is joined by the Ukrainian Shumka Dancers.

22 February. 7:30 p.m. Violinist Susan Cottrell will join the symphony.



"Current disguise" by Sally Barbier. This sculpture of whot earthenware clay, enamel and acrylic is piece in a mixed media exhibition of Barbier's work in the Ring House Gallery. A reception, at which the artist will be present, will be held on Thursday, 21 February, at 7 p.m. Gallery hours are weekdays . . 11 a.m. to 4 p.m., Thursday 11 a.m. to 9 p.m., and Sunday 2 p.m. to 5 p.m.

South Side Folk Club

23 February. 8 p.m. The South Side Folk Club Concert with the Hurricane Ridgerunners from Seattle and Richard White, Edmonton. The Orange Hall, 104 Street and 84 Avenue. Tickets at HUB Box Office and Keen Kraft Music. For information call 475-2260, 475-1042.

Grant MacEwan College

24 February. 2:30 and 7:30 p.m. A workshop-performance by The Brian Webb Dance Company. Admission $2. Jasper Place gymnasium of Grant MacEwan College.

25 February. 7 p.m. A saxophone workshop with Yusef Lateef. Admission $2. 10045 156 Street.

Edmonton Chamber Players Orchestra

25 February. 8:30 p.m. Marlin Wolfe will conduct. Tickets $7.50 or $5 for students and senior citizens. Performances in the Citadel Theatre.

Classical Guitar Society

2 March. 3 p.m. Philip Candelaria will perform. St. John's Anglican Church, 11111 57 Avenue.

Exhibitions

Alberta Culture

Continuing. "Old Fourlegs—What a Fish Story!" Displaying in the west alcove of the Provincial Museum.

Continuing. "Last Best West" exhibit on display in the Orientation Gallery of Provincial Museum.

Continuing. "Presence franco-albertaine" displaying in the Foyer of the Provincial Archives.

SUB Art Gallery

Continuing. Sculpture and drawings by Glenn Guillet and Carroll Moppett.

Ring House Gallery

Continuing. "Carl Heywood Prints." Screen prints and lithographs.

8 February. "Sally Barbier." Mixed media drawings and ceramic sculpture.

University Special Collections

Continuing. "The Illustrated D.H. Lawrence." B37, Cameron Library.

Edmonton Public Library

Continuing. Works by Carol McKenney. Showing in Foyer Gallery of Centennial Library.

Continuing. Photographs by Mark Allan Kempton. Photography Gallery of Centennial Libary.

The Shadows at Waldens

Continuing. Wood block prints by Margaret Mooney.

Lectures and Seminars

Department of Theoretical Physics

21 February. 3:30 p.m. M. Walker of Munich will discuss "The Problem of Motion in General Relativity." P631 Physics Building.

27 February. 3:30 p.m. P. Summerside will talk about "Symmetries in the Induced Electron Density Associated with RHEED." P640 Physics Building.

Department of Chemical Engineering

21 February. 3:30 p.m. D. Gately

of New York University will speak on "Analysis of World Oil Prices." 340 Chemical/Mineral Engineering Building.

Lutheran Campus Ministry
21 February. 3:30 p.m. R. Wilson will talk about "Missionaries and Anthropologists in the Amazon." 14-6 H.M. Tory Building.

Faculty of Arts
21 February. 8 p.m. R. Whitinger will discuss "The Image of the Man of Science in Max Frisch's 'Homo Faber'." L-2 Humanities Centre.

Department of Classics
21 February. 8 p.m. C. Roberto will speak on "Les récherches archéologiques a Ruoti (Italie du Sud) enterprises par le departement d'Etudes classiques de l'Université de l'Alberta." Faculté Saint-Jean, Salon des etudiants.

Guild for Mediaeval and Renaissance Studies
21 February. 8:15 p.m. M. Whitaker will discuss "Mediaeval Dragon Lore." L-3 Humanities Centre.

SUB Art Gallery
22 February. 12 noon. Senior students from the theatre BFA program will present readings as well as K. Graves reading her works. SUB Art Gallery.

Amnesty International
23 February. 1:30 p.m. G. Wright will speak on the trials of dissidents in Czechoslovakia. 12530 110 Avenue. Fee $3.

The Art of Living Club
23 February. 8 p.m. C. Richmond will speak on "Moving with the Rhythm of Life." 239 Central Academic Building.

Department of Chemistry
25 and 26 February. 11 a.m. D. Santi of the University of California will present first lecture "On the Mechanism of Thymidylate Synthetase" in V-107 of the Chemistry Building. His second lecture will be "Inhibitors of Thymidylate Synthetase" in E3-25 of the Chemistry Building.

Edmonton Association for Children with Learning Disabilities
25 February. 8 p.m. "Learning Disabilities from a Teacher's Viewpoint," with M. McGuire of St. James School and B. Mackie of St. Agnes School. 12530 110 Avenue. Telephone 426-5965.

McKernan School
26 February. 6:30 p.m. Demonstrations and open house by Grade I French Immersion students. 10945 90 Avenue, rooms 121 and 122.

The Women's Canadian Club
26 February. 12:15 p.m. A. Haynes of Esso Resources Canada will discuss "Canada's Energy Supply Outlook." Hotel MacDonald.

Department of Physics
26 February. 3:30 p.m. M. Moldover of Washington, D.C., will speak on "Critical Phenomenon in Fluids: Experimental and Theory Converge after 70 years." V128 Physics Building.

Population Studies Seminar
27 February. 3 p.m. "Financial Administration of a Survey" I. Hobin, Population Research Laboratory. 14-6 H.M. Tory Building.

Intercollegiate Sport

Men's Basketball
22 and 23 February. 8:30 p.m. Lethbridge.

Women's Basketball
22 and 23 February. Lethbridge.

Theatre

Workshop West
Until 24 February. "Surprise, Surprise," and "Johnny Mangano and His Astonishing Dogs." Telephone 436-7378.

The Citadel Theatre
The Shoctor Theatre
20 February. "One Tiger To A Hill."

Théâtre Français d'Edmonton
22 February. 8 p.m. "Les Deux Vierges." Faculté Saint-Jean Auditorium, 8406 91 Street.

Radio

Department of Radio and Television
20 February. 7:30 p.m. Extension: A report on current Extension activities. CKUA (580 AM/95 FM)
22 February. 7 p.m. Legal Maze: Environment Law. An examination of existing federal and provincial legislation covering environmental concerns. (CKUA radio).
23 February. 7 p.m. University Concert Hall. CKUA radio.
24 February. 7 p.m. Idealog. CKXM (100.3 FM)

Department of Drama
24 February. 11:30 a.m. "Improvisation and Collective Creation," with D. Heathcote. CKUA radio

Films

Provincial Museum
23 February. 2 p.m. "Tops," and "The Magnificent Gift."
24 February. 4 and 7 p.m. "The Adventures of the Wilderness Family."

National Film Theatre
21 and 22 February. 7:30 p.m. "Newsfront."
9:20 p.m. "The Picture Show Man."
27, 28, and 29 February. 7:30 and 9:15 p.m. "The Picture Show Man" and "Newsfront."

Department of Germanic Languages
27 February. 7:30 p.m. "Der Hauptmann von Köpenick." 17 Fine Arts Building.

SUB Cinema
26 and 27 February. 7 and 9:30 p.m. "Manhattan" with Woody Allen and Diane Keaton.

Edmonton Film Society
25 February. 8 p.m. "The Little Foxes." Tory Lecture Theatre. Admission by series ticket.
27 February. 8 p.m. "Father of the Bride." Tory Lecture Theatre. Admission by series ticket.

Edmonton Public Library
23 and 24 February 2 p.m. "Gimme Shelter" with the Rolling Stones.

Children's Cinema
23 February. 10:30 a.m. "Ball That Wanted to Play," "Goliath II," and "Mandy's Grandmother." Free admission to all shows.

Princess Theatre
21 February. 7 p.m. "Tommy."
9:30 p.m. "Even Dwarfs Started Small."
22 February. 7 p.m. "Pretty Baby."
9:30 p.m. "Richard Pryor in Concert." (second show on Saturday at 7 p.m.)
23 and 24 February. 9:30 p.m. "Psycho."
25 February. 7 and 9:30 p.m. "Three Sisters."
26 February. 7 p.m. "The Iceman Cometh."
27 February. 7 p.m. "Not A Pretty Picture."
9:30 and 7 p.m. (second day) "Black Orpheus."
28 February. 9:30 p.m. "Lisztomania."

service information

Information must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Notices should be sent to 423 Athabasca Hall

Surplus Equipment

For further information about the purchase of equipment or the disposal of any of your department's surplus

equipment, consult Bonnie O'Dwyer or Roy Bennett, telephone 432-3208.

Liquid Scintillation system (three channel). For further information, please telephone John Folkings, at 432-3717.

Notices

Community Gallery

The Idylwylde Branch of Edmonton Public Library has space available for local artists and craftspeople to display their work. Items such as photographs, paintings, drawings, weavings, and quilting may be displayed. Please contact Andrea Smith or Karen Miller at 468-2603.

GFC Committee Vacancies

With respect to the notice which appeared in *Folio* 7 February, please note that membership on some of the committees listed my be restricted according to GFC regulations with respect to eligibility.

Campus Law Review Committee 22 February 1980

Members will be meeting in Room 3-17 at 2 p.m. University Hall. when the Agenda will be as follows:
1. The role of the Secretary to the Discipline Law and Order Procedures.
2. A Handbook of Student Disciplinary Procedures.
3. Prescribed Penalties in Code of Student Behavior: Need for Revision.
4. General Review of Code of Student Behavior.
5. General Review of Procedures.
6. Other business.

Anyone wishing to make a written or personal submission should give notice of such intention to Mrs. L. Plaskitt, Room 2-1 University Hall—telephone 4715.

Overhead Projectors

The University has a number of overhead projectors available for teaching purposes that may be obtained through the Audio Visual Services Division of the Department of Technical Services. Most of the heavily used classrooms in central buildings now have overhead projectors, which are shared by all the users of the rooms.

Over the past month, a number of overhead projectors have been removed from their assigned rooms, greatly inconveniencing all the other users. We would ask that staff and students not remove overhead projectors from classrooms, and should anyone have one of the missing machines, it would be appreciated if they would return it to the room it was borrowed from. If this cannot be done, it would be appreciated if Audio Visual Services was called at 3923 and asked to pick up the projector.

We apologize to all our users for the inconvenience caused by the movement of overhead projectors, and hope that everyone will work together to bring this severe problem to an end. Should anyone find an overhad, marked "Technical Service" in a non-classroom area, a phone call (3923 or 2183) would also be appreciated.

Library Notice

At this time of year library use increases significantly. In anticipation of this the Library has made some improvements in its major circulation areas in order to expedite its service. However, borrowers are reminded that there are certain "peak" periods during the day when longer line-ups may be encountered. These peak periods usually occur between 11 a.m. and 2 p.m. Borrowers can help themselves as well as the library to faster service by avoiding these times if possible.

Scholarships, Fellowships and Awards

Contact the Student Awards Office (432-3221) for information on the following.

NATO

Scholarships valued at B. fr. 220,000 are available for graduate study in public policy in relation to the natural and social environment.

Social Sciences and Humanities Research Council of Canada

Post-doctoral fellowships valued at $15,000 plus a research allowance up to $2,500 are available for study in the social sciences and humanities.

University Research Support Fund

Graduate scholarships of $2,500 per year for three years are available for research on wildlife.

Wildlife Biology Scholarships

Scholarships of $2,500 are available for post-graduate study in wildlife biology, excluding fishery resources.

Non-Credit Courses

Faculty of Extension

The courses listed below are open to all members of the public and members of the University community.

Basic Introduction to Computers

Date: 22 February. *Fee:* $60. *Telephone:* 432-5061.

Continuing Nursing Education

Date: 28 and 29 February. *Class limit:* 24: *Fee:* $45. *Telephone:* 432-5070.
5 May. Fee: $28. *Telephone:* 432-5070.

Effective Speaking for Business and Professional People

Date: 9 to 11 April. *Fee:* $195. *Telephone*: 432-5066 and 432-5067.

Starting Your Own Business

Date: 26 February. *Fee:* $125. *Telephone*: 432-5066 or 432-5067.

Intensive Personal Growth Group Using Transactional Analysis

Date: 22 to 24 February. *Class limit:* 12. *Fee:* $85. *Telephone:* 432-5069.

Introduction to Structural Family Therapy

Date: 28 and 29 February. *Class limit:* 26. *Fee:* $65. *Telephone:* 432-5069.

Historical Techniques and Materials of the Artist

Date: 13 March. *Fee:* $55. *Telephone:* 432-3116.

String Pedagogy Workshop

Date: 21 to 30 July. *Fee:* $200. *Telephone:* 432-3034.

Faculté Saint-Jean French Immersion for Professionals

Date: 12 to 30 May. *Fee:* $150. *Telephone:* 466-2196, #33.

Positions Vacant

On-Campus

Secretary II

$12,828-$13,776

Required to work in our Department of Medicine for the Medical Oncologist in charge of Chemotherapy. Duties include typing of all correspondence, patient information, protocols, scientific papers, and booking of appointments. Must have Alberta Grade XII or equivalent, supplemented by business school, typing of 60 wpm, dictaphone experience and medical terminology. Apply: Director of Personnel, Provincial Cancer Hospitals Board, 11560 University Avenue, Edmonton, Alberta. T6G 1Z2.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 15 February 1980.

Office Services File Clerk ($764.41-$883.20)—Office of the Registrar
Financial Records Clerk ($764.41-$912.91)—Payroll
Clerk Typist II ($764.41-$912.91)—Rehabilitation Medicine
Dental Assistant I (part-time) ($475.80-$569.52)—Dental Clinical Sciences
Dental Assistant I (term) ($793.02-$949.20)—Dental Clinical Sciences
Clerk Steno II ($793.02-$949.20)—Extension; Industrial and Vocational Education
Library Clerk III ($822.72-$984.39)—Boreal Institute
Senior Clerk (part-time) ($411.26-$492.20)—Academic Staff Association
Senior Clerk ($822.72-$984.39)—Parking Services
Clerk Typist III (part-time) ($5.00/hour)—Student Affairs
Clerk Steno III (part time) ($441.60-$532.89)—Geology
Admission Records Trainee/Coordinator ($883.20-$1,109.78)—Office of the Registrar
Medical Steno ($949.20-$1,158.17)—Psychiatry; Pediatrics (trust)
Secretary ($984.39-$$1,205.47)—Centre for the Study of Mental Retardation; Business Administration and Commerce; Medicine
Laboratory Assistant II ($793.02-$949.20)—Pharmacology (term, trust)
Building Services Worker II ($883.20-$1,065.78)—Housing and Food Services
Computer Assistant II ($912.91-$1,109.78)—Computing Services
Electron Microscope Technician I ($984.39-$1,205.47)—Pharmacology (trust, term)
Technician I/II ($984.39-$1,367.16)—Pharmacy (trust, term)
Food Services Worker IV ($1,021.79-$1,257.17)—Housing and Food Services
Draftsperson I ($1,021.79-$1,257.17)—Physical Plant
Building Services Worker IV ($1,065.78-$1,311.06)—Physical Plant
Assistant Buyer ($1,065.78-$1,311.06)—Purchasing
Electronics Technician I/II $1,065.78-$1,489.25)—Technical Services
Publications Assistant II ($1,109.78-$1,367.16)—Computing Services
Technologist I ($1,109.78-$1,367.16)—Zoology (trust, term)
Farm Equipment Technician II ($1,109.78-$1,367.16)—Animal Science
Biochemistry Technologist I/II (Trust, Term) ($1,109.78-$1,556.33)—Cancer Research Unit
Plant Operator I ($1,205.47-$1,489.25)—Physical Plant
Electronics Technician II ($1,205.47-$1,489.25)—Technical Services
Electronics Technician II/III ($1,205.47-$1,697.12)—Physics
Administrative Assistant ($1,257.17-$1,556.33)—Housing and Food Services
Applications Analyst ($1,257.17-$1,556.33)—Registratr's Office
Technologist II/III ($1,257.17-$1,771.92)—Civil Engineering
Interior Designer I ($1,311.06-$1,623.42)—Purchasing
Typographical Tradesman III ($1,311.06-$1,623.42)—Printing
Engineering Technologist III ($1,367.16-$1,697.12)—Physical Plant
Art Technician Demonstrator II $1,367.16-$1,697.12)—Drama (Carpenter); Drama (Seamstress/Cutter)
Electronics Technician III/IV ($1,367.16-$1,943.69)—Language Laboratories
Programmer/Analyst II/III ($1,367.16-$2,021.59) Administrative Systems five positions
Technican IV ($1,427.65-$1,771.92)—Mineral Engineering; Plant Science (Farm Equipment)
Biochemistry Technologist III (trust)—($1,427.65-$1,771.92)—Medicine
Biology Technologist III/IV ($1,427.65-$2,021.59)—Genetics
Machinist Technician III ($1,489.25-

$1,850.00)—Technical Services
Building Superintendent II ($1,489.25-$1,850.00)—Physical Plant
Programmer/Analyst III ($1,623.42-$2,021.59)—Computing Services (two positions)
Controls Fitter (Instrument Mechanic) $2,109.47-$2,204.40)—Physical Plant

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library—Room 512 should be consulted for further information as to availability and position requirements.

Library Clerk II ($764.41-$912.91) —Education
Programming Analyst III ($1,623.42-$2,021.59)—Systems
Programming Analyst IV ($1,934.69-$2,420.85)—Systems

Advertisements

must reach the Editor by 3 p.m. on the Thursday prior to publication, which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 20 cents per word for the first week and 10 cents per word for subsequent weeks ordered before the next deadline. Advertisements must be paid for in advance, and are accepted at the discretion of the Editor. We regret that no advertisements can be taken over the telephone. For order forms or further information, telephone 432-2325.

Accommodations available

For sale—Garneau. 10921 81 Avenue, 1,350 sq. ft., semi-bungalow. Two large bedrooms upstairs. Spacious living and dining rooms. Beautiful garden with mature trees. Assumable $65,000 mortgage at 11%. Asking $88,000. 439-2948.

For Sale—80 acres of rolling, recreational land, 50 miles from city, near lake. New cedar cottage. Offers over $50,000. Phone 436-3174.

For sale—Invest your renting dollars to own your own condominium. Professionally decorated. Spacious bedrooms, large kitchen, living room and dining room. Less than $50,000. Convenient southwest location. Phone Joy Murray, Block Bros. 436-4240, 437-1612.

For sale—By owner. Luxury townhouse on southside. 1,700 sq. ft. with attached garage. Three large bedrooms. $79,900. Large mortgage, 10½%. 435-3020.

For sale—Attractive, three bedroom bungalow. Near University. Fireplace. Developed basement. Beautifully landscaped. Large first mortgage. $79,900. Open house every Saturday 2 - 4 p.m. 11420 71 Avenue or Phone 433-7207.

For sale—Jasper Park. Cedar chalet styled home, many outstanding features. Windsor Park—Gracious 1,800 sq. ft. bungalow situated on magnificent large landscaped view property. Richford Estates—Opportunity to live on one acre of land, beautiful 2,000 sq. ft. house, one mile from city limits on city water. $197,000.—Garneau—revenue property R6, revenue property R4. Asking $115,000 and $99,900 respectively. Please call Prim Spidell at 436-3050 or 436-2450. Potter Realty Co. Ltd.

For sale—See this contemporary, cedar, two storey home located on a very quiet crescent in Riverbend and just 10 minutes from the University. Open balcony overlooking entertainment sized living room, huge dining room, main floor laundry and family rooms, four bedrooms. Call Pat Von Borstel 437-6540, Barbara Allen 434-0729. Spencer Real Estate 436-5250.

Sublet—Fully furnished two bedroom apartment convenient to University and downtown, 1 May to 31 August, 1980. 432-3315 or 488-2859.

For rent—Three bedroom home, fully furnished. Windsor Park. May to December, 1980. $600 monthly. Phone 439-5223.

For sale—Parkview. Immaculate, three bedroom bungalow, developed basement, mature trees, 1,150 sq. ft. 432-2020, 483-4735.

For sale—Two bedroom condominium. Riverbend. Direct bus to University. Fully decorated, drapes, three appliances. Asking $62,000. 435-2620 evenings, weekends. No agents.

For sale—Riverbend. Attractive, four bedroom home with park in front and lots of trees and privacy in back. $141,500 terrific! Call DeAnna Larson 481-0936 or 436-5250 Spencer Real Estate.

For rent—Deluxe studio—Maui. Panoramic view, tennis court, recreation centre, beach, totally self contained including washer/dryer. Will accommodate one couple. Available anytime May to September. References required. Phone 488-2671 after 6 p.m.

For rent—Palo Alto homeowner has had excellent experiences with University of Alberta visiting professors, would like to rent his house again to University of Alberta professor visiting Stanford in 1980-81. Please write: 1470 Pitman Avenue, Palo Alto, California or phone 415-327-4129 evenings if desired.

For sale—Charming two bedroom bungalow. Convenient University. Mortgage $44,800, 11%. $67,900. Joyce Byrne, Spencer Real Estate. 435-6064 res., 436-5250 bus.

For sale—Southgate/University area. Custom built, three bedroom bungalow 1,140 sq. ft., attached garage, partially developed basement, 2½ baths, Lendrum. By owner, $94,500. Phone 434-2198.

For sale—By owner. Older, three bedroom home in Millcreek Ravine (99 St. and 84 Ave.). Original wood, well-insulated, fenced, good condition. Assumable mortgage 11¾%. Asking $94,000. No agents. 432-5856, 439-2691 (evenings).

For sale—Lendrum. Three bedroom bungalow, 1,190 sq. ft., 1½ baths, developed basement, double garage. $97,900. 435-6896.

Accommodations wanted

Dr. Nils Ellfolk, Professor of Biochemistry at the University of Helsinki, and family desire furnished house or apartment (two or three bedroom) preferably April to August, 1980. Phone H.B. Dunford, Chemistry. 432-3818.

To buy or rent—Belgravia area. Four bedroom house for University family, from June. Phone 436-0181.

Automobiles and others

Wanted older Datsun 510 or other Japanese car, working or not. 477-2908.

1975 V.W. Rabbit deluxe. Four door automatic, radio, yellow. 43,000 miles. Asking $3,300. 435-9318.

Goods for sale

High quality electronic piano, $1,200. Full 88 notes. Dean 432-3796, 436-1879.

Wanted old color portable TVs. Call 477-2908.

Pentax camera system, many accessories. Al 423-0408.

Bad Water? Clean, chlorine and bacteria free drinking water. 15c a gallon. This is less than one tenth of the store price! Phone 439-0873 and find out why!

Three months old leather-bound Encyclopaedia Britannica. New $999, asking $800. Phone 466-1244 after 6 p.m.

Services

Edmonton Yoseikan Karate Club: Call Sport Alberta 458-0440.

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Expert typing—theses, etc. 455-0641.

Peking and Shanghai food. Cooked by chef of old "Shanghai House." Shanghai Garden Restaurant, 10120 118 Avenue. Roasted Peking duck (order in advance), hot firepot, dumplings, fried Chinese hamburger, beef buns, cayenne and meat noodles, sour and hot meat broth soup. Closed Tuesdays. 11:30 a.m.-11:30 p.m. 474-2516.

Singing lessons for young children. Studio near University, Edith-Mary Smith. 436-4780.

House and basement framing. Renovations. Premium Builders, 963-3453, 481-1247.

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